

MathMINDs Games: South of the Sahara

MIND Research Institute created storybook games to give students, teachers, and families a completely new way to engage with math. Each story teaches the game and brings together historical facts, ancient gameplay, mathematics, and the world around us to create a highly connected experience.

3 games | Available in English and Spanish | Ages 7+



Achi

From: Ghana
Players: 2
Time: 10-20 minutes

Cultural connections:

Gold weights from Ghana,
magic square from China

Math connections:

Fluently add within 20,
solve missing addend problems



Gulugufe

From: Mozambique
Players: 2-4
Time: 20-30 minutes

Cultural connections:

Butterfly species
discovered in Mozambique

Math connections:

Understanding negation



Fanorana

From: Madagascar
Players: 2
Time: 20-30 minutes

Cultural connections:

Lemurs' ability to
compare numbers

Math connections:

Comparing numbers
sorting numbers



*MathMINDs Games: South of the Sahara has been honored with a **2018 Academics' Choice Award**, a prestigious seal of educational quality, reserved only for the best mind-building media and toys.*

Learn more:
mindresearch.org/mathminds



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MathMINDs Games: South of the Sahara

MathMINDs Games invites the entire community to come and play math together. These game boards and storybooks are all you need to run a complete family engagement event that combines literacy, math, history, and geography.

Great for

- Family math/literacy/STEM nights
- Volunteer/employee engagement
- Classrooms (station rotation, buddy system, rainy day)
- Family and at-home engagement
- Libraries and children's museums
- Community clubs and groups



How to Host a Successful Family Engagement Event

- Pass out the games and allow families to lead the experience.
- Encourage families to play the games in order (1. Achi, 2. Gulugufe, 3. Fanorona).
- Plan to have only one volunteer for every 15-20 attendees.
- Volunteers can help families act out the storybook scenarios on the game board.
- Provide an alternate activity area for early learners under seven years old.
(free activities available at mindresearch.org/mathmindsresources).
- Plan for 45-60 minutes of game play for Achi and Gulugufe (Fanorona is a great challenge game).

Learn more! Visit us at
mindresearch.org/mathminds

Math is from everywhere,
in everything,
and for everyone.
#MathMINDs



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